

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claim 1 (currently amended): An isolated enzyme that releases an amino acid having a glyated α -amino group from a glyated protein or a glyated peptide, wherein the enzyme is derived from *Corynebacterium ureolyticum* KDK1002 (FERM P-17135) or *Pseudomonas alcaligenes* KDK1001 (FERM P-17133).

Claim 2-5 (canceled)

Claim 6 (previously presented): An enzyme according to claim 1, wherein the amino acid having a glyated α -amino group to be released is valine having a glyated α -amino group.

Claim 7 (previously presented): A method of determining a glyated protein or a glyated peptide comprising:
degrading a glyated protein or a glyated peptide with an enzyme to give a degradation product;
causing a redox reaction between the degradation product and a fructosyl amino acid oxidase; and
determining the redox reaction so as to determine the amount of the glyated protein or the glyated peptide,
wherein an enzyme according to claim 1 is used as the enzyme.

Claim 8 (original): A method according to claim 7,
wherein the glyated protein to be determined is glyated hemoglobin.

Claim 9 (withdrawn): A kit for determining a glyated protein or a glyated peptide comprising:
a protease;
a fructosyl amino acid oxidase;
a peroxidase; and
a substrate that is oxidized through a reaction with the peroxidase,
wherein the protease comprises an enzyme according to claim 1.

Claim 10 (withdrawn): A bacterial strain of a genus *Corynebacterium* which produces an enzyme which releases an amino acid having a glyated α -amino group from a glyated protein or a glyated peptide

Claim 11 (withdrawn): A bacterial strain according to claim 10,
wherein the bacterial strain of the genus *Corynebacterium* is *Corynebacterium ureolyticum* KDK1002 (FERM P-17135).

Claim 12 (withdrawn): A bacterial strain of a genus *Pseudomonas* which produces an enzyme which releases an amino acid having a glycated α -amino group from a glycated protein or a glycated peptide.

Claim 13 (withdrawn): A bacterial strain according to claim 12,
wherein the bacterial strain of the genus *Pseudomonas* is *Pseudomonas alcaligenes* KDK1001 (FERM P-17133).

Claim 14 (withdrawn): A substrate for detecting an enzyme according to any one of claims 1 to 5 or for determining an activity of the enzyme comprising:

an amino acid; and

a detection group,

wherein the amino acid has a glycated α -amino group,

the detection group is bound to an α -carboxyl group of the amino acid by an amide linkage or ester linkage, and

the detection group cannot be detected in its binding state whereas it can be detected if released.

Claim 15 (withdrawn): A substrate according to claim 14,
wherein the detection group is at least one selected from the group consisting of paranitroanilide, paranitrophenol, β -naphthylamide, 4-methoxy- β -naphthylamide, and 4-methyl-coumaryl-7-amide.